

FACT SHEET



**DuPont Site (County Road X-23)
Lee County, Iowa**

September 2002

Introduction

The U.S. Environmental Protection Agency (EPA) conducts regular checkups, called five-year reviews, on certain Superfund sites. EPA Region 7 recently completed its second five-year review of the DuPont County Road X-23 site. The site consists of the Baier and McCarl subsites and is located approximately 3.5 miles south of West Point, Iowa.

The EPA conducts the five-year review to make sure the cleanup continues to protect people and the environment. Based on the evaluation of the information during the review, EPA believes the remedy continues to be productive of human health and the environment.

Before cleanup, wastes generated from Du Pont's paint manufacturing facility in Fort Madison, Iowa were disposed of on the two pieces of property. Volatile organic compounds and metals contamination were found at the subsites.

Background

From 1949 through 1953, an estimated 48,000 to 72,000 55-gallon drums of waste from Du Pont's paint manufacturing operation in Fort Madison, Iowa were disposed of at the two subsites. In addition to drummed wastes, paint waste was placed in trenches and burned. The Baier subsite was the primary disposal area; however, during inclement weather when the Baier site was not accessible, wastes were disposed of at the McCarl subsite.

Under EPA oversight from 1992 to 1993, Du Pont excavated contaminated soil from both subsites and utilized a stabilization/solidification process to treat the soil before placing all of the treated soil into the area of excavation at the Baier subsite. The treated soil was then covered with clean soil and grass. The Baier subsite was also fenced to keep people off the site and to protect the cover. Deed restrictions were placed on both subsites to limit the land uses. Du Pont continues to maintain both subsites.

Five Year Review

The EPA considered a significant amount of information before concluding that the site remains safe. Inspection and maintenance reports, groundwater monitoring reports, site records, and deed restrictions were reviewed. The site was inspected in March 2002.

Long-term protectiveness of the remedial action will continue to be verified through continuing inspections, maintenance, and sampling of groundwater at the site. Current data from the Baier subsite indicate that the solidified soil with its clay cap is stable. The McCarl subsite is also stable. Current monitoring indicates that the remedy is functioning as intended and is protective of human health and the environment.

Three issues were noted in the report, and recommendations were made to address scheduling of future analysis of 1) the soil cap, 2) groundwater monitoring, and 3) inspection and maintenance activities.

Since site contaminants remain captured in the solidified solid beneath the cap at the Baier subsite, and the site's use is restricted due to these contaminants, the EPA will conduct another five-year review in 2007.

For More Information

EPA encourages community members to review the Five-Year Review report for the DuPont Site at the following information repositories, during normal business hours:

Idol Raschid
Memorial Library EPA Record Center
3421 Avenue L. 901 N. 5th Street
Fort Madison, Iowa Kansas City, Kansas

If you have questions or need more information on the Du Pont site or the Five-Year Review process, please contact:

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